

KEYSTONE Ag Digest

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Highlights

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MILK PRODUCTION

Milk production in Pennsylvania during January 2003 totaled 909 million pounds, 1.4 percent below last January's production of 922 million pounds. The number of milk cows in the state during the month averaged 590,000 head, unchanged from December and 3,000 head more than January 2002. Production per cow averaged 1,540 pounds for the month of January, 25 pounds more than December's estimate of 1,515 pounds, but 30 pounds less than January a year ago. Pennsylvania's milk production for 2002 totaled 10.8 billion pounds, down 74 million pounds from 2001. Pennsylvania again ranked fourth in milk production for 2002, behind California, Wisconsin and New York. The average number of milk cows during the year was 585,000, which was 14,000 less than the previous year. Production per cow during 2002 totaled 18,419 pounds, compared to 18,112 pounds during 2001. There were 9,900 farms with milk cows in Pennsylvania in 2002, 400 fewer than in 2001 and 800 fewer than 2000. Number of dairy operations by size group and the percentage of the state's milk production in 2002 were as follows: 1,600 farms had 1-29 cows and produced 2.0 percent; 3,500 farms had 30-49 cows and produced 21.0 percent; 3,600 farms had 50-99 cows and produced 38.0 percent; 900 farms had 100-199 cows and produced 21.0 percent; 260 farms had 200-499 cows and produced 12.0 percent; and 40 operations had at least 500 head and produced 6.0 percent of the state's milk.

Milk production in the 20 states surveyed during January 2003 totaled 12.5 billion pounds, up 1.8 percent from production in these same states in January 2002. December revised production, at 12.3 billion pounds, was up 1.6 percent from December 2001. The number of milk cows on farms averaged 7.81 million head, 56,000 head more than January 2002, and 4,000 head more than December 2002. Production per cow averaged 1,608 pounds for January, 17 pounds above January 2002. The annual production of milk for the U.S. during 2002 was 169.8 billion pounds, 2.6 percent above 2001. Revisions to 2001 production increased the annual total by less than 0.1 percent. Revised 2002 production was up 0.1 percent from last month's publication. The average number of milk cows on farms in the U.S. during 2002 was 9.14 million head, up 0.3 percent from 2001. Average number of milk cows was revised down 1,000 head for 2001, and up 2,000 head for 2002 from the previous estimate. Average milk production per cow for 2002 was 18,571 pounds, 412 pounds above 2001. Average annual rate of milk production per cow has increased 18 percent since 1993.

PRODUCTION OF SELECTED DAIRY PRODUCTS

Products	Dec 2001	Nov 2002	Dec 2002
000 Lbs.			
PENNSYLVANIA			
Butter	7,015	6,062	6,965
Ice Cream	2,980	3,131	2,997
UNITED STATES			
Butter	123,025	104,221	126,987
Cheese:			
American Types	312,229	291,765	312,077
Swiss	20,151	21,749	22,634
Brick and Muenster	7,749	7,348	7,624
Cream and Neufchatel ...	47,077	71,432	56,288
Mozzarella	230,443	232,030	244,162
Other Italian	60,073	62,731	62,938
Total Italian Types	290,516	294,761	307,100
All Other	17,344	16,089	16,200
Total	703,090	712,888	731,522
NF Dry Milk, Human	130,805	96,075	127,491
Yogurt, Plain & Flavored ..	159,358	148,622	158,927
000 Gal.			
FROZEN PRODUCTS:			
Ice Cream, Hard	54,548	59,152	58,314
Ice Cream, Lowfat	25,664	21,906	24,082
Ice Cream, Nonfat	1,204	1,479	1,153
Sherbet	2,870	3,062	3,391
Frozen Yogurt, Total	4,597	5,530	5,105
MIX FOR PRODUCTS:			
Ice Cream Mix	32,576	37,530	38,455
Ice Cream Mix, Lowfat ...	13,645	12,144	13,346
Ice Cream Mix, Nonfat ...	782	939	681
Sherbet Mix	2,027	2,346	2,437
Yogurt Mix	2,511	3,253	3,003

DAIRY PRODUCTS

United States' butter production was 127 million pounds in December, 3.2 percent above December 2001 and 21.8 percent above November 2002. Total cheese output (excluding cottage cheese) was 732 million pounds, 4.0 percent above December 2001 and 2.6 percent above November 2002. American type cheese production totaled 312 million pounds, slightly below December 2001 but 7.0 percent above November 2002. Frozen desserts: (comparisons with December 2001) ice cream, regular (hard) -- 58.3 million gallons, up 6.9 percent; ice cream, lowfat (total) -- 24.1 million gallons, down 6.2 percent; ice cream, nonfat (hard) -- 1.15 million gallons, down 4.2 percent; sherbet (hard) -- 3.39 million gallons, up 18.2 percent; frozen yogurt (total) -- 5.11 million gallons, up 11.1 percent.

MILK COWS & MILK PRODUCTION

Item	Unit	Pennsylvania			20 States		
		Jan 2002	Dec 2002	Jan 2003	Jan 2002	Dec 2002	Jan 2003
Milk Cows	Thous.	587	590	590	7,749	7,801	7,805
Milk Per Cow	Lbs.	1,570	1,515	1,540	1,591	1,575	1,608
Milk Production	Mil. Lbs.	922	894	909	12,327	12,290	12,547

CROP VALUES

Crop Values includes average prices and value of production for major field crops and many specialty crops. All prices are marketing year average (MYA) prices which do not include allowances or adjustments for commodities under government loan at the end of the marketing year, commodities forfeited to the Commodity Credit Corporation, loan deficiency payments, direct and counter cyclical payments, or disaster payments.

Each State MYA price is based on sales in the months comprising its marketing year, while United States marketing year averages are based on sales during the standard U.S. marketing year for each crop.

United States MYA prices for most crops are computed by weighting State MYA prices by the estimated quantity sold in each State. The exceptions are for corn, sorghum, oats, barley, wheat, rice, soybeans, flaxseed, sunflower, upland cotton, and dry edible beans which are computed by weighting U.S. monthly prices by monthly marketings for the U.S. marketing year. State MYA prices for these monthly crops are computed by weighting

monthly prices by the monthly percentages of total sales during their marketing year.

State and U.S. preliminary 2002 MYA prices for corn, sorghum, oats, barley, wheat, rice, soybeans, flaxseed, sunflower, upland cotton, dry edible beans, peanuts, and potatoes are based on entire month price data through December 2002. Except for cotton and peanuts, allowances are made for the portion of the 2002 crops yet to be marketed during the remainder of the 2002 marketing year. State MYA prices for crops not in the monthly price program are based on annual surveys.

State value of production is computed by multiplying each State price by its production. Value of production for the United States is the sum of State values for all States listed for the crop. Value of production estimates relate to the crop year. These estimates should not be confused with cash receipts, which relate to sales during a calendar year irrespective of the year of production.

SUMMARY OF CROP VALUES, 2000-2002

Crop	Price per Bushel			Value of Production		
	2000	2001	2002	2000	2001	2002
	Dollars			(000) Dollars		
<u>CORN FOR GRAIN</u>						
Pennsylvania	2.09	2.33	2.95	286,664	226,057	174,522
United States	1.85	1.97	2.35	18,499,002	18,888,389	21,213,159
<u>WINTER WHEAT</u>						
Pennsylvania	2.19	2.68	3.35	22,634	22,298	33,467
United States	2.51	2.72	3.45	3,893,961	3,684,817	3,939,217
<u>OATS</u>						
Pennsylvania	1.45	1.72	1.90	11,984	12,857	13,329
United States	1.10	1.59	1.75	175,797	195,711	211,849
<u>BARLEY</u>						
Pennsylvania	1.51	1.51	1.60	8,041	6,342	7,104
United States	2.11	2.22	2.70	649,130	536,582	596,759
<u>SOYBEANS</u>						
Pennsylvania	4.37	4.26	5.70	72,345	58,895	51,870
United States	4.54	4.38	5.40	12,466,572	12,605,717	14,755,470
	Price Per Ton - Dollars					
<u>ALL HAY</u> ^{1 2}						
Pennsylvania	109.00	117.00	128.00	491,360	406,320	473,096
United States	84.60	96.50	94.00	11,416,651	12,602,534	12,432,729
	Price Per Pound					
<u>ALL TOBACCO</u> ³						
Pennsylvania	0.900	1.550	1.476	4,617	9,560	10,062
United States	1.910	1.920	1.907	2,001,775	1,952,120	1,726,013
	Price Per Cwt. - Dollars					
<u>SORGHUM FOR GRAIN</u>						
Pennsylvania	3.20	3.75	4.95	573	655	399
United States	3.37	3.46	4.30	847,075	979,794	883,690
<u>POTATOES</u> ⁴						
Pennsylvania	7.75	8.05	8.95	27,203	25,543	23,181
United States	5.08	6.99	6.82	2,591,091	3,057,573	3,151,178

¹ Baled hay. ² Estimated marketings of alfalfa and all other hay used weights to calculate all hay price. ³ PA type 41 price and value for 2000 are not included in U.S. totals to avoid disclosure. Price and value for 2000 include type 32 only. ⁴ The value of production is the sum of the value of production of the seasonal groups.

POTATO STOCKS

Total stocks of potatoes stored in Pennsylvania on February 1, 2003, were 850,000 cwt., down 15 percent from a year ago. The 850,000 cwt. in storage is 33 percent of the total production of 2,590,000 cwt. for 2002.

Stocks are defined as the quantity (whether sold or not) remaining in storage for all purposes and uses, including seed potatoes not yet moved, and shrinkage, waste, and other losses that occur after the date of each report. Sales of fall potatoes for all purposes for the past 5 years averaged 90.8 percent of the total fall production. Shrinkage, loss, and home use account for the remaining 9.2 percent.

The 15 major potato States held 197 million cwt. of potatoes in storage February 1, 2003, up 3 percent from last year but 16 percent below 2001. Storage accounts for 48 percent of the 2002 fall storage States' production, down 2 percentage points from last year. Stocks by type show more reds and round whites but fewer long whites and russets than a year ago.

Disappearance of 213 million cwt., is up 9 percent from last year but 5 percent below 2000 crop movement. Shrink and loss, of 20.4 million cwt. so far this season, is up 3 percent from last year but 22 percent below the same date in 2000. Processors in the 9 major States used 109 million cwt. of potatoes this season, up 13 percent from a year ago but 4 percent below two years ago.

CATTLE INVENTORY

Pennsylvania farmers had 1,630,000 cattle and calves on hand on January 1, 2003, down 10,000 head from the January 1, 2002 level.

The Keystone State's calf crop for 2002 was 660,000, unchanged from 2001. All cows that have calved, at 740,000, was unchanged from the previous year. Milk cow inventory, at 590,000, is up 2,000 head from January 1, 2002. Beef cows totaled 150,000, down one percent from last year's beef cow inventory. Milk cow replacement heifers 500 pounds and over, at 280,000, were down almost two percent from last year's number. Beef cow replacement heifers, at 45,000, moved up 13 percent from last year.

Other heifers 500 pounds and over, at 50,000, increased 5,000 head from January 1, 2002. Steers in the same weight category, at 170,000, were three percent from last year's level. Bulls, at 25,000, were the same as January 1, 2002. All calves under 500 pounds, at 320,000, were down 10,000 head from last year.

During 2002, 28,000 Pennsylvania operations had cattle and calves, unchanged from the previous year. There were 9,900 farms that had milk cows, 400 less than 2001. There were 11,200 farms with beef cows, 100 more than 2001.

Primary data used in making cattle estimates for Pennsylvania and the United States were obtained from a sample of about 50,000 agricultural producers in the United States using probability surveys. Information was collected by mail, telephone and personal interview.

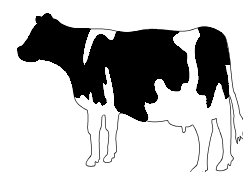
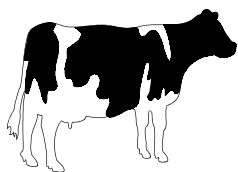
All cattle and calves in the **United States** as of January 1, 2003, totaled 96.1 million head, 1 percent below the 96.7 million on January 1, 2002 and 1 percent below the 97.3 million two years ago. All cows and heifers that have calved, at 42.1 million, were down slightly from the 42.2 million on January 1, 2002 and down 1 percent from the 42.6 million two years ago. Beef cows, at 32.95 million, were down 1 percent from both January 1, 2002 and January 1, 2001. Milk cows, at 9.15 million, were up slightly from January 1, 2002 but down slightly from two years ago.

Other class estimates on January 1, 2003 and the change from January 1, 2002, are as follows: all heifers 500 pounds and over, 19.6 million, down slightly; beef replacement heifers, 5.61 million, up 1 percent; milk replacement heifers, 4.10 million, up 1 percent; other heifers, 9.89 million, down 2 percent; steers weighing 500 pounds and over, 16.6 million, down 1 percent; bulls weighing 500 pounds and over, 2.25 million, up slightly; calves under 500 pounds, 15.6 million, down 1 percent; cattle and calves on feed for slaughter in all feedlots, 12.9 million, down 7 percent; and the combined total of calves under 500 pounds, and other heifers and steers over 500 pounds outside of feedlots, 29.1 million, up 1 percent.

The number of operations with cattle totaled 1.03 million during 2002, down 2 percent from 2001 and 4 percent below 2000. Beef cow operations in 2002 were down 1 percent from 2001 and 3 percent below 2000. Milk cow operations were 6 percent below last year and 13 percent below two years ago.

CATTLE & CALVES, JANUARY 1, 2002-2003

Class	Pennsylvania			United States		
	2002	2003	2003/2002	2002	2003	2003/2002
	(000) Head		Percent	(000) Head		Percent
Cattle & Calves	1,640	1,630	99	96,704.0	96,106.0	99
All Cows That Have Calved	740	740	100	42,229.3	42,098.6	100
Beef Cows	152	150	99	33,117.7	32,946.9	99
Milk Cows	588	590	100	9,111.6	9,151.7	100
Heifers 500 Pounds & Over						
For Beef Cow Replacement	40	45	113	5,561.0	5,607.6	101
For Milk Cow Replacement	285	280	98	4,060.2	4,103.5	101
Other Heifers	45	50	111	10,057.1	9,890.0	98
Steers 500 Pounds & Over	175	170	97	16,789.8	16,590.2	99
Bulls 500 Pounds & Over	25	25	100	2,243.8	2,252.7	100
Calves Under 500 Pounds	330	320	97	15,762.8	15,563.4	99
Calf Crop	660	-	-	38,193.3	-	-
Cattle & Calves On Feed	75	75	100	13,860.3	12,915.8	93



POULTRY SLAUGHTER

Item	Unit	Pennsylvania			United States		
		Dec 2001	Nov 2002	Dec 2002	Nov 2001	Oct 2001	Nov 2002
Young Chickens . . .	Thous. Hd.	8,589	8,618	8,665	650,962	647,424	658,447
	Thous. Lbs.	45,596	45,740	46,157	3,338,705	3,336,635	3,425,757
Mature Chickens . .	Thous. Hd.	-	-	-	13,061	11,825	13,024
	Thous. Lbs.	-	-	-	68,165	66,862	69,918
Young Turkeys	Thous. Hd.	¹	1,240	¹	19,635	23,817	21,006
	Thous Lbs.	¹	27,826	¹	523,329	619,386	577,315

¹ Figures are not available due to disclosure of individual operations.

U.S. CATTLE ON FEED DOWN 8 PERCENT

Cattle and calves on feed for slaughter market in the United States for feedlots with capacity of 1,000 or more head totaled 10.7 million head on February 1, 2003. The inventory was 8 percent below February 1, 2002 and 11 percent below February 1, 2001.

Placements in feedlots during January totaled 2.14 million, 2 percent below 2002 and 6 percent below 2001. Net placements were 2.06 million. During January, placements of cattle and calves weighing less than 600 pounds were 433,000, 600-699 pounds were 587,000, 700-799 pounds were 706,000, and 800 pounds and greater were 409,000.

Marketings of fed cattle during January totaled 1.97 million, down 5 percent from 2002 and down 4 percent from 2001.

Other disappearance totaled 75,000 during January, 16 percent below 2002 and 4 percent below 2001.

2002 CATTLE ON FEED AND ANNUAL SIZE GROUP ESTIMATES: Cattle and calves of feed for slaughter market in the United States for feedlots with capacity of 1,000 or more head represented 82.0 percent of all cattle and calves on feed in the United States on January 1, 2003, down from 83.4 percent on January 1, 2002.

Marketings of fed cattle for feedlots with capacity of 1,000 or more head during 2002 represented 86.3 percent of all cattle marketed from feedlots in the United States, down from 87.0 percent during 2001.

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